

Claims

- [c1] A method for composing a document comprising:
capturing strokes made by a user with a pointing instrument that include indications of data including form input data and command data;
processing the strokes in order to determine destination indication data;
processing the strokes in order to determine input data, and
composing a document using the input data and sending the documents to a destination.
- [c2] The method of claim 1 wherein the pointing instrument is a digital pen and strokes are provided by a user writing on a media having a pattern.
- [c3] The method of claim 2 further comprising:
capturing user authentication information related to the user.
- [c4] The method of claim 3 wherein:
the user authentication information includes biometric data.
- [c5] The method of claim 4 wherein:
the biometric data includes pen stroke data including stroke pressure, stroke speed and pen attitude.
- [c6] The method of claim 2 wherein the command data includes an indication of a send form data command.
- [c7] The method of claim 6 wherein the send form data command is indicated by the user writing a stroke in a segregated field of the media.
- [c8] The method of claim 2 wherein the template determination utilizes a pattern.
- [c9] The method of claim 5, further comprising:
determining additionally required data; and
revising the form.
- [c10] The method of claim 9, further comprising:
determining additionally required data using the input data;
determining ambiguous additionally required data; and

revising the form to include at least two versions of the additionally required data.

- [c11] The method of claim 10, further comprising:
receiving choice data from the user;
revising the form in response to the choice data; and
sending the revised form using the destination indication data.
- [c12] A system for composing a document comprising:
a processor;
a storage device connected to the processor;
the storage device storing a logic program;
the processor operative with the logic program to perform:
capturing strokes made by a user writing with a digital pen on a media having a pattern, the strokes including indications of data including form input data and command data;
processing the strokes in order to determine destination indication data;
determining a template for the form using the strokes and the pattern;
processing the strokes in order to determine input data;
composing a document using the input data and sending the documents to a destination;
processing the strokes in order to determine a recipient designated by the strokes;
capturing user authentication information related to the user; and
wherein the command data includes an indication of a send form input data command.
- [c13] The system of claim 12 wherein:
the user authentication information includes biometric data.
- [c14] The system of claim 13 wherein:
the biometric data includes pen stroke data including stroke pressure, stroke speed and pen attitude.
- [c15] The system of claim 14 wherein the data includes an indicator of additionally

required data, further comprising the processor operative with the logic program to perform: identifying the additionally required data; authenticating the user using the user authentication information; and verifying user permission to access the additionally required data.

[c16] The system of claim 15, further comprising the processor operative with the logic program to perform:
determining additionally required data; and
modifying the form using the additionally required data.

[c17] A system for sending a composed document comprising:
a receiver to receive pen stroke data from a digital pen including form input data;
a processor to process pen stroke data; and
a processor to determine destination data from the pen stroke data; and
a file server connected to the processor, wherein the processor determines additionally required data and composes the document using the input data and additionally required data, wherein
the processor uses the destination data to send the composed document.